



WELCOME

Public Scoping Meeting

Draft Programmatic Environmental Assessment for Front Range Airport Launch Site Operator License

***June 13, 2017 | 5:00 pm to 8:00 pm
Adams County, Colorado***

Please sign in!

***Scoping is your opportunity to provide comments to help us
improve our analysis***



WHAT IS THE PROPOSED ACTION?

- Adams County proposes to operate a commercial space launch site at the Front Range Airport (FTG) to offer the site for launches/landings of horizontal reusable launch vehicles
- To operate a commercial space launch site, Adams County must obtain a launch site operator license from the Federal Aviation Administration (FAA)
- Under the Proposed Action, the FAA would:
 1. Issue a launch site operator license to Adams County for the operation of a commercial space launch site
 2. Consider approval of the modified Airport Layout Plan that shows the launch site boundary

Under the No Action Alternative, the FAA would not issue a launch site operator license to FTG



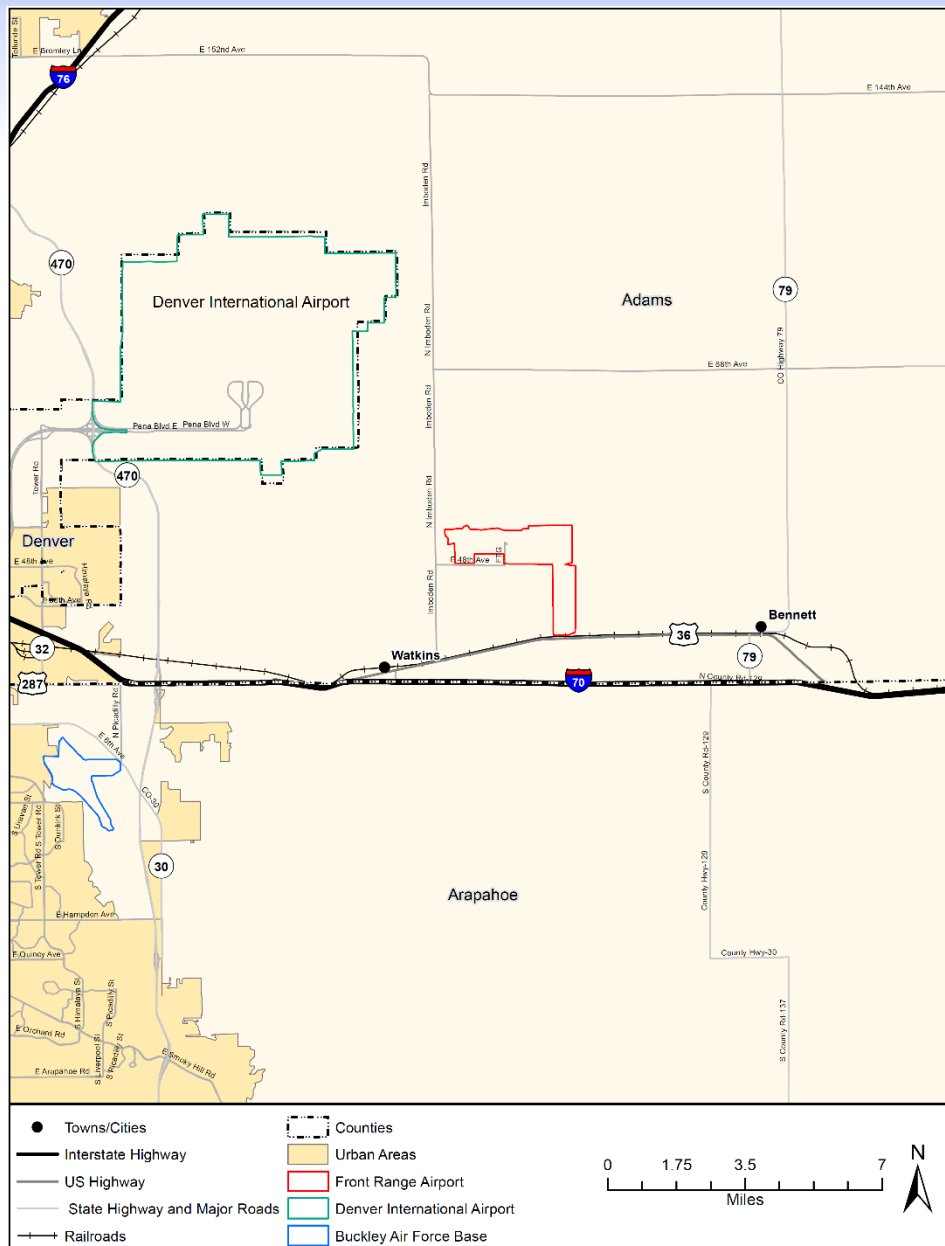
PROPOSED OPERATIONAL PARAMETERS



- Vehicles would take off and land horizontally under jet power
- Operations would take place during daylight hours
- Vehicle would fly no less than 50 miles and no more than 150 miles away from Denver International Airport to perform its rocket powered climb
- Rocket powered climb would take place in airspace that is roughly 100 miles long and 50 miles wide
- Airspace would need to be cleared for roughly 30 minutes while the vehicle performs rocket powered operations
- Taxiing of the vehicle to and from the mission preparation area to the runway does not require airspace to be cleared. Air Traffic Control will treat the vehicle like an airplane and assume it performs like one during those parts of the mission.

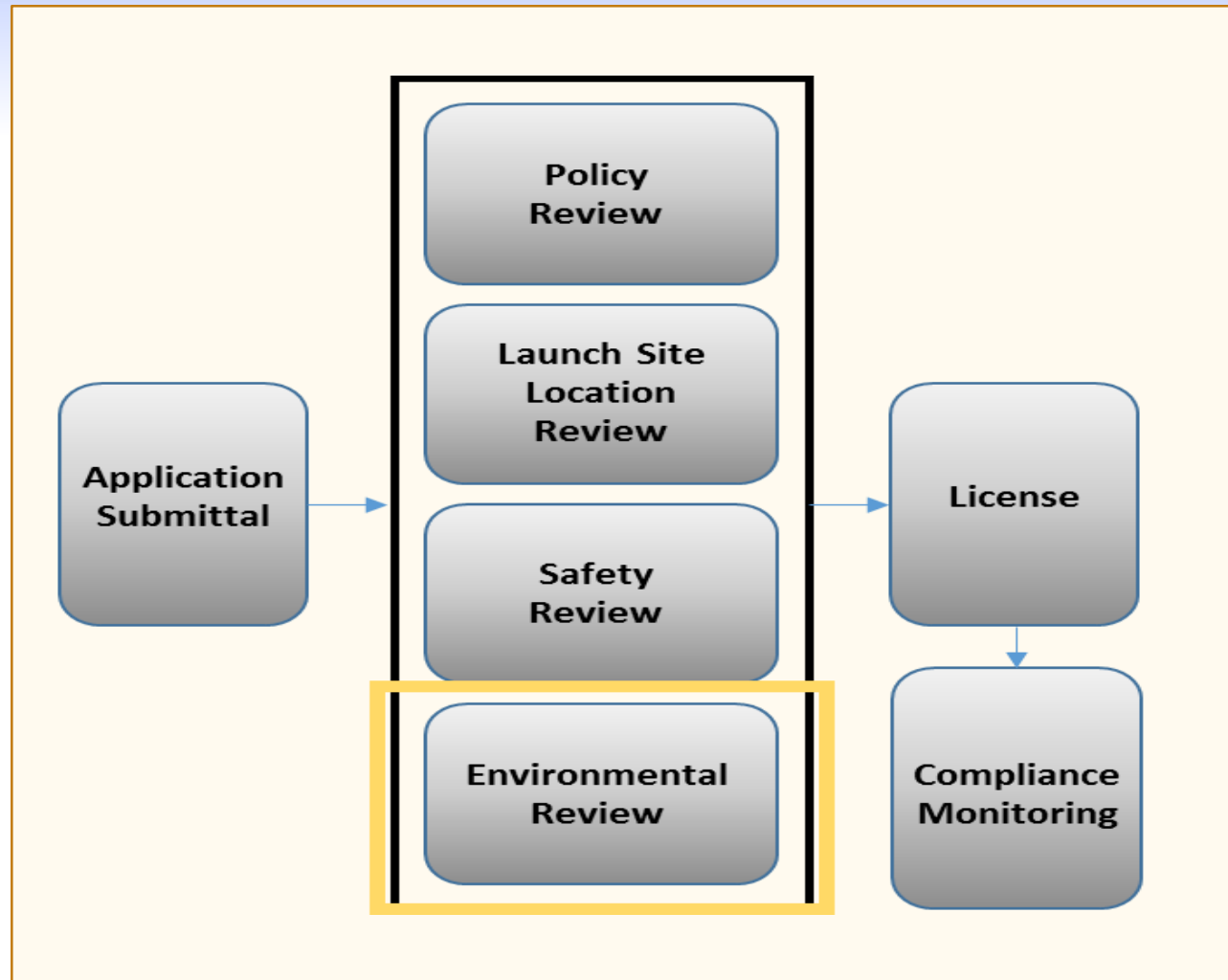


PROPOSED LAUNCH SITE





LAUNCH SITE OPERATOR LICENSE REVIEW



- Adams County must apply to the FAA to obtain a Launch Site Operator License under 14 CFR Part 420
- Future vehicle launch operators would need to apply for individual launch licenses from the FAA before launching from FTG. A separate environmental review would be completed to cover the launch license.

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)



NEPA Process

For Front Range Airport, the FAA will prepare a Programmatic Environmental Assessment (PEA), which will include:

- Purpose and Need - Why the action is being proposed
- Proposed Action – What is the action
- Reasonable alternatives to the action
- Existing conditions at the site
- Impact evaluation
- Mitigation measures, as required

Impact Categories per FAA Order 1050.1F

- Air Quality
- Biological Resources (including Fish, Wildlife, and Plants)
- Climate
- Coastal Resources
- Department of Transportation Act, Section 4(f)
- Farmlands
- Hazardous Materials, Solid Waste, and Pollution Prevention
- Historical, Architectural, Archaeological, and Cultural Resources
- Land Use
- Natural Resources and Energy Supply
- Noise and Compatible Land Use
- Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks
- Visual Effects (including Light Emissions)
- Water Resources (including Wetlands, Floodplains, Surface Waters, Groundwater, and Wild and Scenic Rivers)



Source: USFWS



Source: USGS



Source: City of Denver



PROGRAMMATIC APPROACH & TIERING

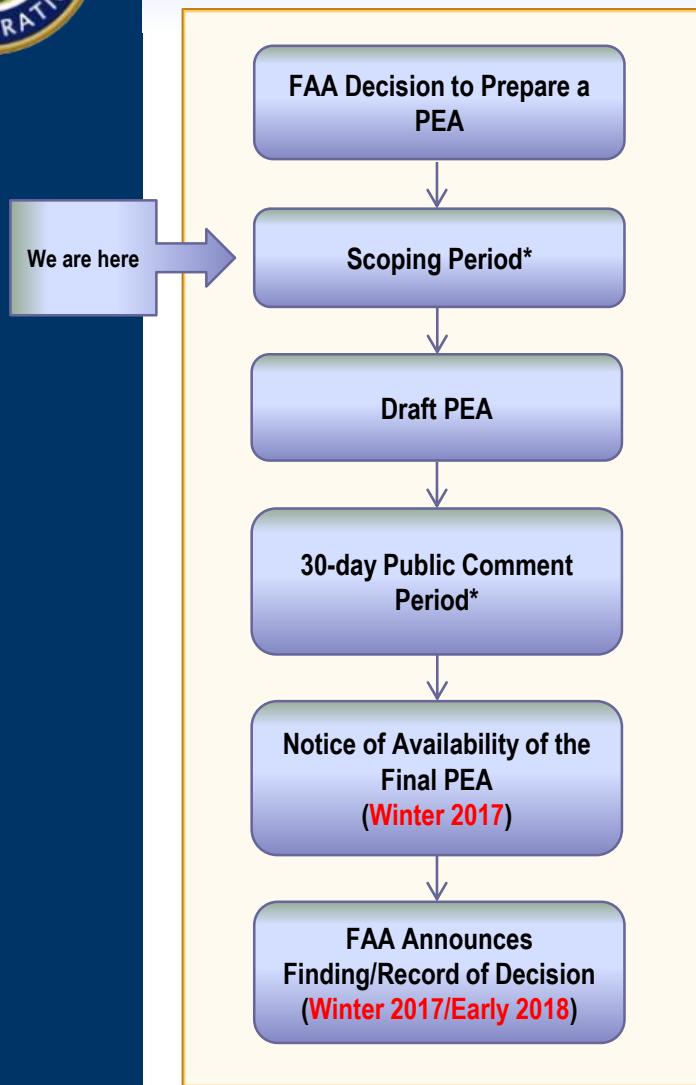
- NEPA environmental reviews may be project-specific or on a broader programmatic level
- This document would be a programmatic analysis
- The FAA anticipates tiering subsequent environmental documents for site-specific or project-specific actions

	Programmatic Analysis	Tiered, Project-Specific Analysis
Nature of Action	Strategic, conceptual	Construction, operation, site-specific action
Alternatives	Broad, general	Specific alternative locations, construction, operation, site-specific
Impacts	Primarily qualitative	Generally quantifiable
Decision	Broad, strategic program, policy, or plan	Detailed, project- or site-specific, action-oriented
Mitigation	General, broad suite of potential measures that could be applied after site-specific analysis	Specific, precise refinement of measures identified at the programmatic level



PUBLIC INVOLVEMENT

PEA Process



How You Can Help Us

1. Talk to our court reporter or speak during the public statement portion of tonight's meeting
2. Provide written comments at tonight's meeting
3. Submit comments by email to [Spaceport Colorado PEA@icf.com](mailto:Spaceport_Colorado_PEA@icf.com).
4. Mail your written comment form to: Ms. Stacey M. Zee, Federal Aviation Administration, c/o ICF International, 9300 Lee Highway, Fairfax, VA 22031

All mailed comments must be postmarked on or before **July 13, 2017** to be considered in the scoping process.

Please ask questions. FAA representatives are here to listen and to talk to you. Please provide comments. This will help us understand your concerns and incorporate them into the environmental analysis. All comments will be given equal consideration.

Future Opportunities for Public Involvement

- Check the project website for new information
- Please add your name to the mailing list to receive future notices
- Review the Draft Programmatic Environmental Assessment (PEA)
- Provide your comments on the Draft PEA
- Participate in a Public Hearing following the publication of the Draft PEA

*Opportunity for Public Participation